

AGENCY PUBLIC NOTICE

Date filed:				Time filed:				
1.	Agency:		Commerce/Division of Occupational and Professional Licensing					
	Room no.:							
	Building:		Heber M. Wells Building					
	Street address 1:		160 East 300 South					
	Street address 2:							
	City, state, zip:		Salt Lake City UT 84111-2316					
	Mailing address 1:		PO Box 146741					
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	Contact person(s):							
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	Dan S. Jones		801-530-6720		801-530-6511		dansjones@utah.gov	
(Interested persons may inspect this notice at the above address or at DAR between 8:00 a.m. and 5:00 p.m. on business days.)								
2.	Title:							
	State Construction Code Amendments under Utah State Construction Code Administration Act							
3.	Summary:							
	<p>Pursuant to the requirements of the State Construction Code Administration Act, a public hearing regarding proposed construction code amendments will be held Wednesday, September 14, 2011, at 9:00 am in Room 4112 of the State Office Building, Salt Lake City, Utah. See the attached two-part document for full details and summary of proposed construction code amendments. Part 1 is a summary and explanation of the amendments recommended that were accepted by the Uniform Building Code Commission. Part 2 is the State Construction Code Amendments proposed under Utah State Construction Code Administration Act.</p>							
4.	Attach an RTF document containing the text of this public notice (filename):							

Part I

Summary of Amendments Recommended to the State Construction Code

This document is a summary of amendments to the State Construction Code which have been recommended by the Uniform Building Code Commission Advisory Committees to the Uniform Building Code Commission (UBCC) and which the UBCC has approved for review at a public hearing. A public hearing on these proposed amendments will be held on September 14, 2011 at 9:00 AM in Room 4112 of the State Office Building, Salt Lake City, Utah.

These recommendations are subject to change after further review by the UBCC after the public hearing is held and before the UBCC makes its final recommendations to the Legislature's Business and Labor Interim Committee.

Overall Summary of Proposed Amendments:

Pending the results of the public hearing, the UBCC Advisory Committees and the UBCC recommend that the following proposed amendments be adopted as part of the State Construction Code.

There are six areas of changes recommended:

1. 15A-2-103(1)(f): Adoption of the 2011 National Electrical Code (NEC) replacing the 2008 edition.
2. 15A-3-108(3) and (4) and 15A-3-113(4): Adoption of three new amendments concerning the requirement for concrete to the 2009 IBC.
3. 15A-3-113(6): Adoption of a new amendment to the IBC Referenced Standard ICC/ANSI A117.1-03 concerning clear floor space.
4. 15A-3-601(2): Adoption of a technical amendment, changing the citation that has been moved in the 2011 NEC.
5. 15A-3-601(3). Deletion of a previous amendment in the 2009 NEC this is now adequately addressed in the 2011 NEC.
6. 15A-4-302, 303, 304, and 306: Adoption of four new local amendments to IPC adopting appendix C which would allow gray water recycling in the City of Moab,

Grand County, City of Murray, and Salt Lake County.

Detailed Summary of Proposed Amendments:

15A-2-103(1)(f): Specific editions of nationally recognized codes adopted.

This proposal recommends adopting the 2011 edition of the National Electrical Code (NEC) replacing the 2008 edition.

This amendment has been reviewed by the UBCC Electrical Advisory Committee and the UBCC. No one from the public has voiced an objection to the proposed current edition of the NEC.

The Committee reviewed the significant changes made to the 2011 NEC. The Committee found the changes to be appropriate and recommend the 2011 NEC be adopted with all changes except for 1 current state amendment which is being updated. Some of the changes may require additional costs, however, the Committee has determined that the benefits of these changes outweigh the costs.

15A-3-108(3) and (4) and 15A-3-113(4): New amendments to Chapter 19 and 35 of IBC.

Three new amendments are being recommended for approval concerning the requirement for concrete in the 2009 IBC.

The UBCC Structural Advisory Committee and the UBCC are recommending that these three amendments be adopted. The Committee determined that the current durability requirements do not adequately address the requirements for concrete with minimal exposure to freeze-thaw cycles.

These changes will result in some decreased costs of construction. It is impossible to estimate the actual savings that would result because of the variations that may occur on a project and the number of projects that may be affected.

15A-3-113(6): New amendment to Chapter 35 of IBC.

A new amendment is being recommended for approval to add a modification to a referenced standard.

The UBCC Architectural Advisory Committee and the UBCC are recommending adoption of this amendment. This change will provide adequate clearance for a person in a wheelchair to reach the faucet.

There would be no change in cost.

15A-3-601(2): Amendment to NEC:

This is a technical amendment, changing the citation that has been moved in the 2011 NEC.

15A-3-601(3): Amendment to NEC.

The UBCC Electrical Advisory Committee and the UBCC have recommended deletion of a previous amendment in the 2009 NEC that is now adequately addressed in the 2011 NEC.

15A-4-302, 303, 304 and 306. Local amendments to IPC for the City of Moab, Grand County, and the City of Murray and Salt Lake County.

Each of these local compliance agencies have requested the adoption of Appendix C of the 2009 IPC which will allow gray water recycling in their city or county.

Renumbering. Current amendments subsequent to that above are to be renumbered as required.

Part 2

**TITLE 15A. STATE CONSTRUCTION AND FIRE CODES
ACT**

**Amendments Proposed for public hearing
September 14, 2011
at the
Uniform Building Code Commission Meeting**

[15A-1-101 and 15A-2-102 remain unchanged]

15A-2-103. Specific editions adopted of construction code of a nationally recognized code authority.

- (1) Subject to the other provisions of this part, the following construction codes are incorporated by reference, and together with the amendments specified in Chapters 3 and 4, are the construction standards to be applied to building construction, alteration, remodeling, and repair, and in the regulation of building construction, alteration, remodeling, and repair in the state:
 - (a) the 2009 edition of the International Building Code, including Appendix J, issued by the International Code Council;
 - (b) the 2009 edition of the International Residential Code, issued by the International Code Council;
 - (c) the 2009 edition of the International Plumbing Code, issued by the International Code Council;
 - (d) the 2009 edition of the International Mechanical Code, issued by the International Code Council;
 - (e) the 2009 edition of the International Fuel Gas Code, issued by the International Code Council;
 - (f) the ~~2008~~ 2011 edition of the National Electrical Code, issued by the National Fire Protection Association;
 - (g) the 2009 edition of the International Energy Conservation Code, issued by the International Code Council;
 - (h) subject to Subsection 15A-2-104(2), the HUD Code;
 - (i) subject to Subsection 15A-2-104(1), Appendix E of the 2009 edition of the International Residential Code, issued by the International Code Council; and
 - (j) subject to Subsection 15A-2-104(1), the 2005 edition of the NFPA 225 Model Manufactured Home Installation Standard, issued by the National Fire Protection Association.
- (2) Consistent with Title 65A, Chapter 8, Management of Forest Lands and Fire Control, the Legislature adopts the 2006 edition of the Utah Wildland Urban Interface Code, issued by the International Code Council, with the alternatives or amendments approved by the Utah Division of Forestry, as a construction code that may be adopted by a local compliance agency by local ordinance or other similar action as a local amendment to the codes listed in this section.

[15A-2-104 through 15A-3-108(2) remain unchanged]

15A-3-108

...

- (3) In IBC, Section 1904.3, a new exception 1 is added as follows and the current exception is modified to be number 2.

Exceptions:

"1. In ACI Table 4.3.1, for Exposure Class F1, change Maximum w/cm from 0.45 to 0.5 and Minimum f'c from 4,500 psi to 3,000 psi."

- (4) IBC, Section 1904.4.1 is deleted and replaced with the following:
"1904.4.1 Air Entrainment. Concrete that extends above grade and is exposed to freezing and thawing while moist shall be air entrained in accordance with ACI 318, Section 4.4.1."

[15A-3-109 through 15A-3-113(3) remain unchanged]
15A-3-113

- ...
- (4) In IBC, Chapter 35, the referenced standard ACI 318-08 is modified to change Table 4.2.1 of ACI 318-08 as follows: In the portion of Table 4.2.1 designated as "Conditions", the Exposure categories and classes are deleted and replaced with the following:
"F0: Concrete elements not exposed to freezing and thawing cycles to include footing and foundation elements that are completely buried in soil.
F1: Concrete elements exposed to freezing and thawing cycles and are not likely to be saturated or exposed to deicing chemicals.
F2: Concrete elements exposed to freezing and thawing cycles and are likely to be saturated, but not exposed to deicing chemicals.
F3: Concrete elements exposed to freezing and thawing cycles and are likely to be saturated and exposed to deicing chemicals."
- (5) In IBC, Chapter 35, the referenced standard ICC/ANSI A117.1-03, Section 606.2, Exception 1 is modified to include the following sentence at the end of the exception:
"The minimum clear floor space shall be centered on the sink assembly."

[subsections (4) through (20) are renumbered]

[15A-3-201 through 15A-3-501 remain unchanged]

15A-3-601. General provision.

The following are adopted as amendments to the NEC to be applicable statewide:

- (1) During the period of time when the adopted IRC has not yet incorporated the latest residential electrical provisions contained in the adopted NEC, the IRC provisions shall prevail as the adopted residential electrical standards applicable to installations applicable under the IRC. All other installations shall comply with the adopted NEC.
- (2) In NEC, Section 310.15(B)(6)(7), the second sentence is deleted and replaced with the following: "For application of this section, the main power

feeder shall be the feeder(s) between the main disconnect and the panelboard(s)."

(3) ~~In NEC, Section 338.10(B)(4)(a), the following words are added at the end of the first sentence after Section 334: "excluding Section 334.80."~~

[15A-3-701 through 15A-4-301 remain unchanged]

15A-4-302. Amendments to IPC applicable to City of Moab.

The following amendment is adopted as an amendment to the IPC for City of Moab, IPC, Appendix C, as specified and amended in Subsection 15A-3-314(3).

15A-4-303. Amendments to IPC applicable to Grand County.

The following amendment is adopted as an amendment to the IPC for Grand County, IPC, Appendix C, as specified and amended in Subsection 15A-3-314(3).

15A-4-304. Amendments to IPC applicable to Murray City.

The following amendment is adopted as an amendment to the IPC for Murray City, IPC, Appendix C, as specified and amended in Subsection 15A-3-314(3).

15A-4-302_305. Amendments to IPC applicable to Salt Lake City.

The following amendment is adopted as an amendment to the IPC for Salt Lake City, IPC, Appendix C, as specified and amended in Subsection 15A-3-314(3).

15A-4-306. Amendments to IPC applicable to Salt Lake County.

The following amendment is adopted as an amendment to the IPC for Salt Lake County, IPC, Appendix C, as specified and amended in Subsection 15A-3-314(3).

[subsequent sections should be renumbered as required]

Effective dates:

Recommended effective dates are as follows:

July 1, 2012